

EXHIBIT A

UNITED STATES DISTRICT COURT

for the
Western District of Washington.CERTIFIED TRUE COPY
ATTEST: WILLIAM M. MCCOOL
Clerk, U.S. District Court
Western District of Washington
S. M. McCool
Deputy Clerk

In the Matter of the Search of

(Briefly describe the property to be searched
or identify the person by name and address)The property and person more fully described in
Attachments A-1 and A-2.

Case No. MJ21-287

APPLICATION FOR A SEARCH WARRANT

I, a federal law enforcement officer or an attorney for the government, request a search warrant and state under penalty of perjury that I have reason to believe that on the following person or property (identify the person or describe the property to be searched and give its location):

See Attachments A-1 through A-2, which are incorporated herein by reference.

located in the Western District of Washington, there is now concealed (identify the person or describe the property to be seized):

See Attachments B-1 and B-2, which are incorporated herein by reference.

The basis for the search under Fed. R. Crim. P. 41(c) is (check one or more):

- evidence of a crime;
 contraband, fruits of crime, or other items illegally possessed;
 property designed for use, intended for use, or used in committing a crime;
 a person to be arrested or a person who is unlawfully restrained.

The search is related to a violation of:

<i>Code Section</i>	<i>Offense Description</i>
21 U.S.C. § 841 (a)(1), 21 U.S.C. § 846.	distribution of controlled substances, conspiracy to do the same

The application is based on these facts:

See Affidavit of United States Postal Inspector Michael Fischlin continued on the attached sheet.

Delayed notice of _____ days (give exact ending date if more than 30 days: _____) is requested under 18 U.S.C. § 3103a, the basis of which is set forth on the attached sheet.

Pursuant to Fed. R. Crim. P. 41, this warrant is presented: by reliable electronic means; or: telephonically recorded.
Applicant's signature

Michael Fischlin, U.S. Postal Inspector

Printed name and title

- The foregoing affidavit was sworn to before me and signed in my presence, or
 The above-named agent provided a sworn statement attesting to the truth of the foregoing affidavit by telephone.

Date: 05/14/2021
Judge's signature

Paula L. McCandlis, United States Magistrate Judge

Printed name and title

000268

AFFIDAVIT OF MICHAEL FISCHLIN

STATE OF WASHINGTON)
)
COUNTY OF KING)

I, Michael Fischlin, an Inspector with United States Postal Inspection Service ("USPIS"), Seattle, Washington, having been duly sworn state as follows:

INTRODUCTION AND AGENT BACKGROUND

8 1. I am a Postal Inspector with the USPIS and have been so employed since
9 June 2016. I am an “investigative or law enforcement officer of the United States” within
10 the meaning of Title 18, United States Code, Section 2510(7). I am currently assigned to
11 the Seattle Division, Contraband Interdiction & Investigations Team, where I investigate
12 the use of the United States Postal Service (“USPS”) to transport controlled substances,
13 the proceeds of drug trafficking, and instrumentalities associated with drug trafficking. I
14 have received specialized training in the investigation of controlled substances in the
15 United States mails. I have also received training on the identification of controlled
16 substances, interdiction of controlled substances and proceeds thereof.

17 2. Prior to becoming a Postal Inspector, I was employed as a Special Agent
18 (“SA”) of the United States Secret Service (“USSS”). As part of my training, I
19 completed the Federal Law Enforcement Training Center Criminal Investigator Training
20 Program as well as the USSS SA Training Program. While employed by the USSS, I was
21 trained in computer forensics. Prior to joining the USSS, I served four years of active
22 duty in the United States Marine Corps as a military policeman.

23 3. As a Postal Inspector, I am authorized to investigate crimes involving
24 federal offenses relating to the USPS. During the tenure of my law enforcement career, I
25 have been involved in a wide spectrum of investigations, which include access device
26 fraud, bank fraud, computer fraud, controlled substances, counterfeit currency and
27 securities, identity theft, mail theft, robbery, threats, and wire fraud. My duties have

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1 included planning the execution of search warrants; securing and searching premises;
2 seizing documents, records and other evidence; and interviewing witnesses.

3 4. The information in this affidavit is based upon the investigation that I have
4 conducted in this case, my conversations with other law enforcement officers who have
5 engaged in various aspects of this investigation, and my review of reports written by
6 other law enforcement officers involved in this investigation. Because this Affidavit is
7 being submitted for the limited purpose of securing search warrants, I have not included
8 each and every fact known to me concerning this investigation. I have set forth only
9 those facts that I believe are relevant to a determination of probable cause to support the
10 issuance of the requested warrants. When the statements of others are set forth in this
11 Affidavit, they are set forth in substance and in part.

PURPOSE OF ARRIDAVIT

13 5. This affidavit is submitted in support of an application for search warrants
14 for the following location and person:

- (1) 27340 Village Pl NW, Stanwood, WA 98292 (the "SUBJECT PREMISES"), further described in Attachment A-1, which is incorporated herein by reference; and
 - (2) The person of Christopher FRICK (AKA Christerfer Frick), further described in Attachment A-2, which is incorporated by reference.

20 6. For the SUBJECT PREMISES, the requested authority to search extends to
21 all parts of the property, including all storage areas associated with the residence, such as
22 on-site storage lockers or safes located on the property, whether locked or not, where the
23 items described in Attachment B-1, (list of items to be seized) could reasonably be found.

24 7. As set forth below, there is probable cause to believe that the SUBJECT
25 PREMISES and FRICK will contain or possess evidence of possession of controlled
26 substances with intent to distribute, distribution of controlled substances, and conspiracy

28 The spelling of FRICK's first name on his Washington State driver license is spelled Christensen.

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1 to do the same, in violation of Title 21, United States Code, Sections 841(a) and (b), as
 2 well as Section 846. I seek authorization to search and seize the items specified in
 3 Attachments B, which are incorporated herein by reference.

4 **BACKGROUND ON THE DARK WEB**

5 8. The “dark web” is a portion of the “Deep Web” of the Internet, where
 6 individuals must use anonymizing software or applications to access content and
 7 websites. Within the dark web, criminal marketplaces operate, allowing individuals to
 8 buy and sell illegal items, such as drugs, firearms, and other hazardous materials, with
 9 greater anonymity than is possible on the traditional Internet (sometimes called the “clear
 10 web” or simply the “web”). These online market websites use a variety of technologies,
 11 including the Tor network (defined below) and other encryption technologies, to ensure
 12 that communications and transactions are shielded from interception and monitoring.
 13 Famous dark web marketplaces, also called Hidden Services, such as Silk Road, operated
 14 similarly to clear web commercial websites such as Amazon and eBay, but offered illicit
 15 goods and services. Other dark web markets described herein – including Dark0de
 16 Market and White House Market – operate similarly. There are numerous marketplaces
 17 that have appeared on the dark web that have offered contraband for sale, including
 18 narcotics. Users typically purchase narcotics through these marketplaces using digital
 19 currency such as bitcoins.

20 9. “Vendors” are the dark web’s sellers of goods and services, often of an
 21 illicit nature, and they do so through the creation and operation of “vendor accounts” on
 22 dark web marketplaces. Customers, meanwhile, operate “customer accounts.” Vendor
 23 and customer accounts are not identified by numbers, but rather monikers or “handles,”
 24 much like the username one would use on a clear web site. If a moniker on a particular
 25 marketplace has not already been registered by another user, vendors and customers can
 26 use the same moniker across multiple marketplaces. Based on customer reviews, vendors
 27 can become well known as “trusted” vendors.

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1 10. It is also possible for the same person to operate multiple customer
 2 accounts and/or vendor accounts at the same time. For example, based on my training
 3 and experience, I know that one person could have a vendor account that he or she uses to
 4 sell illegal goods on a dark web marketplace in exchange for cryptocurrency; that same
 5 vendor could also have a different customer account that he or she uses to purchase
 6 illegal goods from other vendors. Because they are separate accounts, a person could use
 7 different accounts to send and receive the same cryptocurrency on the dark web. I know
 8 from training and experience that one of the reasons dark web vendors have multiple
 9 monikers for different vendor and customer accounts is to prevent law enforcement from
 10 identifying which accounts belong to the same person and who the actual person is that
 11 owns or uses the accounts.

12 11. Pretty Good Privacy (“PGP”) is used on dark web markets to encrypt
 13 communications between vendors and customers. When a customer orders from a
 14 vendor or sends a vendor a message on a dark web market, that information may be
 15 stored in the marketplace’s database. The marketplace server may be hacked or seized by
 16 law enforcement, and a customer may not want their private messages with any sensitive
 17 information, like name and address, easily viewable by anyone who obtains access to the
 18 database. These messages may also be seen by someone who has access to the vendor’s
 19 computer or market account, such as a market administrator. PGP encryption is used to
 20 solve this problem.

21 12. A vendor has both a PGP private key and a public key. A customer can use
 22 the vendor’s public key to encrypt a message. The vendor then uses their private key to
 23 decrypt the message. Vendors keep their private key secure but not their public key,
 24 which they put on their profile. This is done so customers may use a vendor’s PGP
 25 public key to encrypt data sent to the vendor, such as the customer’s name and address.
 26 Only the corresponding PGP private key, held by the vendor, can decrypt the data.

27 13. When registering an account on a dark web marketplace, users are often
 28 provided with a mnemonic phrase. A mnemonic phrase is a list of random words which

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1 allow a user to access their account if the password is lost or forgotten. If a password is
 2 lost or forgotten, a user will be asked to provide their mnemonic and login username to
 3 reset the password. Dark web marketplaces only display the page containing a user's
 4 mnemonic phrase once after an account is created. Markets recommend that the
 5 mnemonic be stored in a safe location.

6 14. The Onion Router or "Tor" network is a special network of computers on
 7 the Internet, distributed around the world, that is designed to conceal the true Internet
 8 Protocol ("IP") addresses of the computers accessing the network, and thereby the
 9 locations and identities of the network's users. Tor likewise enables websites to operate
 10 on the network in a way that conceals the true IP addresses of the computer servers
 11 hosting the websites, which are referred to as "hidden services" on the Tor network.
 12 Such "hidden services" operating on Tor have complex web addresses, which are many
 13 times generated by a computer algorithm, ending in ".onion" and can only be accessed
 14 through specific web browser software designed to access the Tor network. Most
 15 "hidden services" are considered dark web services with no legitimate or identified
 16 service provider to which legal process may be served.

BACKGROUND ON CRYPTOCURRENCY

17 15. Cryptocurrency, a type of virtual currency, is a decentralized, peer-to-peer,
 18 network-based medium of value or exchange that may be used as a substitute for fiat
 19 currency to buy goods or services or exchanged for fiat currency or other
 20 cryptocurrencies². Examples of cryptocurrency are Bitcoin³ ("BTC"), Litecoin ("LTC"),
 21 and Monero ("XMR"). Cryptocurrency can exist digitally on the Internet, in an
 22 electronic storage device, or in cloud-based servers. Although not usually stored in any
 23 physical form, public and private keys (described below) used to transfer cryptocurrency
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² Fiat currency is currency created and regulated by a government such as the U.S. Dollar, Euro, or Japanese Yen.
³ Since Bitcoin is both a cryptocurrency and a protocol, capitalization differs. Accepted practice is to use "Bitcoin" (singular with an uppercase letter B) to label the protocol, software, and community, and "bitcoin" (with a lowercase letter b) or "BTC" to label units of the cryptocurrency. That practice is adopted here.

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1 from one person or place to another can be printed or written on a piece of paper or other
 2 tangible object. Cryptocurrency can be exchanged directly person to person, through a
 3 cryptocurrency exchange, or through other intermediaries. Generally, cryptocurrency is
 4 not issued by any government, bank, or company; it is instead generated and controlled
 5 through computer software operating on a decentralized peer-to-peer network. Most
 6 cryptocurrencies have a “blockchain,” which is a distributed public ledger, run by the
~~7 decentralized network, containing an immutable and historical record of every~~
~~8 transaction.~~ Cryptocurrency is not illegal in the United States.

9 16. Bitcoin is a type of digital currency. Payments or transfers of value made
 10 with bitcoins are recorded in the Bitcoin blockchain and thus are not maintained by any
 11 single administrator or entity. As mentioned above, individuals can acquire bitcoins
 12 through exchanges (i.e., online companies which allow individuals to purchase or sell
 13 cryptocurrencies in exchange for fiat currencies or other cryptocurrencies), Bitcoin
 14 ATMs, or directly from other people. Individuals can also acquire cryptocurrencies by
 15 “mining.” An individual can “mine” bitcoins by using his/her computing power to solve
 16 a complicated algorithm and verify and record payments on the blockchain. Individuals
 17 are rewarded for this task by receiving newly created units of a cryptocurrency.
 18 Individuals can send and receive cryptocurrencies online using many types of electronic
 19 devices, including laptop computers and smartphones.

20 17. Even though the public addresses of those engaging in cryptocurrency
 21 transactions are recorded on a blockchain, the identities of the individuals or entities
 22 behind the public addresses are not recorded on these public ledgers. If, however, an
 23 individual or entity is linked to a public address, it may be possible to determine what
 24 transactions were conducted by that individual or entity. Bitcoin transactions are
 25 therefore sometimes described as “pseudonymous,” meaning that they are partially

26
 27
 28 Some cryptocurrencies operate on blockchains that are not public and operate in such a way to obfuscate
 transactions, making it difficult to trace or attribute transactions.

1 anonymous. And while it is not completely anonymous, Bitcoin allows users to transfer
 2 funds more anonymously than would be possible through traditional banking and credit
 3 systems.

4 18. Cryptocurrency is stored in a virtual account called a wallet. Wallets are
 5 software programs that interface with blockchains and generate and/or store public and
 6 private keys used to send and receive cryptocurrency. A public key (or public address) is
 7 akin to a bank account number, and a private key (or private address) is akin to a Personal
 8 Identification Number (“PIN”) number or password that allows a user the ability to
 9 access and transfer value associated with the public address or key. To conduct
 10 transactions on a blockchain, an individual must use the public key and the private key.
 11 A public address is represented as a case-sensitive string of letters and numbers. Each
 12 public address is controlled and/or accessed through the use of a unique corresponding
 13 private key—the cryptographic equivalent of a password or PIN—needed to access the
 14 address. Only the holder of an address’s private key can authorize any transfers of
 15 cryptocurrency from that address to another cryptocurrency address.

16 19. Exchangers and users of cryptocurrencies store and transact their
 17 cryptocurrency in a number of ways, as wallet software can be housed in a variety of
 18 forms, including: on a tangible, external device (“hardware wallet”); downloaded on a
 19 Personal Computer (“PC”) or laptop (“desktop wallet”); with an Internet-based cloud
 20 storage provider (“online wallet”); as a mobile application on a smartphone or tablet
 21 (“mobile wallet”); as printed public and private keys (“paper wallet”); and as an online
 22 account associated with a cryptocurrency exchange. Because these desktop, mobile, and
 23 online wallets are electronic in nature, they are located on mobile devices (e.g.,
 24 smartphones or tablets) or at websites that users can access via a computer, smartphone,
 25 or any device that can search the Internet. Moreover, hardware wallets are located on
 26 some type of external or removable media device, such as a Universal Serial Bus
 27 (“USB”) thumb drive or other commercially available device designed to store
 28 cryptocurrency (e.g., Keepkey, Nano Ledger, or Trezor). In addition, paper wallets may

1 contain an address and a QR code with the public and private key embedded in the code.
2 Paper wallet keys are not stored digitally. Wallets can also be backed up into, for
3 example, paper printouts, USB drives, or CDs, and accessed through a “recovery seed”
4 (random words strung together in a phrase) or a complex password. Additional security
5 safeguards for cryptocurrency wallets can include two-factor authorization (such as a
6 password and a phrase). I also know that individuals possessing cryptocurrencies often
7 have safeguards in place to ensure that their cryptocurrencies become further secured in
8 the event that their assets become potentially vulnerable to seizure and/or unauthorized
9 transfer.

10 20. Although cryptocurrencies such as Bitcoin have legitimate uses,
11 cryptocurrency is also used by individuals and organizations for criminal purposes such
12 as money laundering, and is an oft-used means of payment for illegal goods and services
13 on hidden services websites operating on the Tor network. By maintaining multiple
14 wallets, those who use cryptocurrency for illicit purposes can attempt to thwart law
15 enforcement's efforts to track purchases within the dark web marketplaces. As of May
16 12, 2021, one bitcoin is worth approximately \$54,140, though the value of Bitcoin is
17 generally much more volatile than that of fiat currencies.

SUMMARY OF INVESTIGATION

19 | A. Subject Moniker, Controlled Buys, and Seized Parcels

20 21. On April 15, 2021, an undercover federal agent placed an order for
21 synthetic heroin from the Subject Moniker on Dark0de Market, a dark web marketplace.⁵
22 The method of payment was XMR.⁶ Law enforcement subsequently received a parcel
23 containing a white powdery substance. Analysis by the USPS Forensic Laboratory
24 indicated that the substance contained fentanyl and heroin.⁷ USPS business records

Investigators wish not to reveal the moniker at this time as keeping it confidential may have investigative value.

Monero, which is abbreviated to "XMR," is a cryptocurrency focused on privacy. Transactions on the Monero blockchain are obscured, making its users more difficult to track or trace.

Fentanyl is a Schedule II controlled substance. Heroin is a Schedule I controlled substance.

1 showed that the parcel was first scanned in Granite Falls, Washington. The parcel bore a
 2 pre-printed USPS shipping label purchased from a third-party vendor. In addition, the
 3 listed sender was a business located in Seattle, Washington.

4 22. On April 19, 2021, I spoke with a USPS employee at the Granite Falls Post
 5 Office ("PO"). The employee believed the parcel had been deposited into the USPS blue
 6 collection box ~~outside of the PO.~~⁸ The employee recalled collecting several such parcels
 7 which she found odd for several reasons including that they displayed a Seattle sender
 8 address yet were mailed from Granite Falls, Washington.

9 23. On April 22, 2021, I placed an order for heroin from the Subject Moniker
 10 on White House Market, a dark web marketplace. The method of payment was XMR. I
 11 subsequently received a parcel containing a tan powdery substance. Analysis by the
 12 USPS Forensic Laboratory indicated that the substance contained fentanyl and heroin.
 13 USPS business records showed that the parcel was first scanned in Arlington,
 14 Washington. The parcel bore a pre-printed USPS shipping label purchased from a third-
 15 party vendor. In addition, the listed sender was a business located in Seattle,
 16 Washington.

17 24. On April 24, 2021, I was contacted by a USPS employee from the Granite
 18 Falls PO. The employee advised that she had found three parcels in the mail receptacle
 19 located within the lobby of the PO with labels similar to the parcel law enforcement
 20 received from the Subject Moniker. The parcels are flat rate envelopes and no other flat
 21 rate envelopes were found in the mail receptacle. A federal search warrant was executed
 22 for one of the parcels (hereafter the "seized parcel") which contained blue pills imprinted
 23 "M" on one side and "30".⁹ One random pill was analyzed by the USPS Forensic
 24 Laboratory which indicated that the pill contained fentanyl. The intended recipient was
 25
 26

27 ⁸A collection box is a blue box which provides a reliable, secure, and convenient receptacle for people to deposit
 28 outgoing mail.

27 ⁹It should be noted the Subject Moniker offers M30 oxycodone pills for sale on the dark web.

1 later interviewed and advised he had ordered drugs from Subject Moniker 2 on Vice City,
 2 a dark web marketplace.¹⁰

3 25. Security footage from the Granite Falls PO showed that on the early
 4 morning of April 24, 2021, a male entered the PO and deposited three parcels, which
 5 appeared to be flat rate envelopes, into the mail receptacle located within the lobby. Flat
 6 rate envelopes measure approximately 12.5" x 9.5" which are significantly larger than
 7 letter size envelopes. The individual subsequently used a key to open a PO Box
 8 (hereafter "Edwards' PO Box") before departing the premises. The application for
 9 Edwards' PO Box revealed Edwards was the applicant. Furthermore, USPS business
 10 records revealed Edwards had submitted a change of address to Edwards' PO Box in
 11 March 2021. The male seen in security footage resembled Edwards' Washington State
 12 driver license photograph.

13 26. On April 29, 2021, I was contacted by an USPS employee from the Granite
 14 Falls PO. At approximately 5:39 am, the employee had found nine parcels in the mail
 15 receptacle located within the lobby of the PO with labels similar to the label on the seized
 16 parcel. The parcels are flat rate envelopes and no other flat rate envelopes were found in
 17 the mail receptacle. A federal search warrant was executed for those parcels which
 18 contained pills imprinted "M" on one side and "30", a tan powdery substance, and white
 19 powdery substances.¹¹ The suspected controlled substances within those parcels were
 20 concealed in the same manner as the substances found within the seized parcel and the
 21 parcels received by law enforcement from the Subject Moniker. This included the use of
 22 distinctive tape to secure the inner packaging. It should be noted that the Subject
 23 Moniker's advertisements for heroin include photographs of both tan and white

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¹⁰ Investigators wish not to reveal the moniker at this time as keeping it confidential may have investigative value.
¹¹ Some of the pills presumptively tested positive for the presence of Tramadol, a Schedule IV controlled substance. The powder substances were field tested with inconclusive results. The substances will need to be sent to a laboratory for analysis.

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1 substances; and that the Subject's Moniker offers oxycodone for sale which is known to
 2 be imprinted "M" on one side and "30" on the other.

3 27. Security footage from the Granite Falls PO showed that on April 28, 2021,
 4 at approximately 11:26 pm, a male entered the PO and deposited numerous parcels,
 5 which appeared to be flat rate envelopes, into the mail receptacle located within the
 6 lobby. The individual subsequently used a key to open Edwards' PO Box before
 7 departing the premises. The male seen in security footage resembled Edwards'
 8 Washington State driver license photograph.

9 28. On April 29, 2021, I placed an order for oxycodone pills from the Subject
 10 Moniker on Dark0de Market. The method of payment was BTC. To date, nothing has
 11 been received.

12 29. On May 4, 2021, I viewed the Subject Moniker's profile on Dark0de
 13 Market. Dark0de Market showed that the Subject Moniker had conducted 197 sales with
 14 a 4.74/5 rating. The Subject Moniker's profile advertised listings for heroin,
 15 methamphetamine, and oxycodone. The Subject Moniker's sales were calculated, which
 16 revealed approximately 251 grams of heroin had been sold on Dark0de Market.¹²

17 30. I also viewed the Subject Moniker's profile on White House Market.
 18 White House Market showed that the Subject Moniker had conducted 240 to 250 sales
 19 with 92% positive feedback. The Subject Moniker's profile advertised listings for heroin
 20 and oxycodone. The Subject Moniker's sales were calculated, which revealed
 21 approximately 355 grams of heroin had been sold on White House Market.¹³ Feedback
 22 left by several customers indicated that the Subject Moniker's products were potent and
 23 had led to overdoses.

24 31. On May 6, 2021, I was contacted by an USPS employee from the Granite
 25 Falls PO. The employee advised that she had found ten parcels in the mail receptacle
 26

27 ¹²The Subject Moniker's sales consisted of a combination of both natural and synthetic heroin.

28 ¹³The Subject Moniker's sales consisted of a combination of both natural and synthetic heroin.

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1 located within the lobby of the PO with labels similar to the labels on previously seized
 2 parcels. The parcels were flat rate envelopes and no other flat rate envelopes were found
 3 in the mail receptacle. A federal search warrant was executed for those parcels which
 4 contained pills imprinted "M" on one side and "30" on the other, tan powdery substances,
 5 and white powdery substances.

6 32. Security footage from the Granite Falls PO showed that on the evening of
 7 May 5, 2021, a male entered the PO and deposited numerous parcels, which appeared to
 8 be flat rate envelopes, into the mail receptacle located within the lobby. The individual
 9 subsequently used a key to open Edwards' PO Box and retrieve mail before departing the
 10 premises. The male seen in security footage resembled Edwards' Washington State
 11 driver license photograph.

12 **B. Search Warrant Execution and Interview**

13 33. On May 11, 2021, agents executed federal search warrants for Edwards'
 14 person, residence, and vehicle. Agents discovered on Edwards' person numerous pills
 15 imprinted "M" on one side and "30" on the other. Agents located the same type of pills
 16 in Edwards' residence as well as several empty parcels with labels similar to the labels on
 17 previously seized parcels.¹⁴

18 34. One of the parcels was addressed to the undercover name and address I
 19 provided to the Subject Moniker.¹⁵ That package had been opened and there was nothing
 20 inside, corroborating Edwards' statement below that he would occasionally open and use
 21 drugs that FRICK gave him to mail. Four more opened and now empty packages that
 22 appeared to have been originally intended for mailing were located in Edwards'
 23 residence.

24 35. Federal agents interviewed Edwards at the Granite Falls Police Station after
 25 he provided his written consent and a waiver of his *Miranda* warnings.¹⁶ Edwards stated
 26

27 ¹⁴ The number of pills seized was user quantities—not distribution amounts.

28 ¹⁵ The parcel is believed to be associated with the undercover order referenced in paragraph 28 of this Affidavit.

¹⁶ Edwards was involved in drug trafficking, used drugs, and the Court should assume that he had a drug problem.

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1 he mailed parcels for FRICK which Edwards knew contained drugs. Edwards knew this
 2 because he had opened some of the parcels received from FRICK and consumed the
 3 contents which consisted of powdery substances and M30 pills. Edwards retrieved
 4 parcels from FRICK at the SUBJECT PREMISES which were packaged and ready to be
~~5 mailed.~~¹⁷ FRICK told Edwards to place parcels into the mail stream outside of the city
 6 where the SUBJECT PREMISES is located. Edwards saw large quantities of powdery
 7 substances believed to be controlled substances at the SUBJECT PREMISES. The
 8 powdery substances included a substance FRICK referred to as "china white".¹⁸ Edwards
 9 also saw a vacuum sealer and white paper with information for where parcels should be
 10 sent in the garage of the SUBJECT PREMISES. Edwards stated he had last mailed
 11 parcels for FRICK approximately one week ago. Edwards also indicated FRICK
 12 believed Edwards had recently been stealing parcels.

13 36. An agent showed Edwards a photograph of the Subject Moniker's profile
 14 picture on Darkode Market. Edwards recognized the powdery substance in the
 15 photograph as what he had seen in parcels received from FRICK as well as what he had
 16 seen at the SUBJECT PREMISES.

17 37. Edwards said he had seen a variety of vehicles at the SUBJECT
 18 PREMISES to include an Audi sedan and a gold BMW Sport Utility Vehicle ("SUV").

19 38. I found an LG mobile phone in Edwards' vehicle.

20 39. Edwards stated both he and a person with the initials A.A. use the LG
 21 mobile phone recovered from his vehicle.¹⁹ Edwards provided the PIN code to access the
 22 phone. Edwards advised FRICK's phone number was saved under the contact name of
 23 "Chris".

24

25

26 ¹⁷ Edwards showed a federal agent where the SUBJECT PREMISES is located on a map. Edwards also described
 27 the vehicles he had seen at the SUBJECT PREMISES.

28 ¹⁸ Some of the Subject Moniker's heroin listings on the dark web include china white in the product title.

¹⁹ A.A. is Edwards' wife.

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1 40. During a review of Edwards' LG mobile phone, I found a text message sent
 2 to "Chris" on May 10, 2021. The message read, "So did you find out that i did put those
 3 in the mail for you and didn't steal them?" I also found communications on the LG
 4 mobile phone with "Chris Frick" via Facebook Messenger in April 2021.

5 41. It should be noted that records were received from T-Mobile for Edwards'
 6 phone number. Records showed that from March 29, 2021 to April 28, 2021, Edwards'
 7 phone number and the phone number saved under the contact "Chris" communicated
 8 approximately 300 times.²⁰

9 42. According to court records, FRICK was sentenced to 108 months of federal
 10 imprisonment and five years of supervised release for Conspiracy to Distribute
 11 Controlled Substances in January 2013. FRICK is currently on supervised release.

12 **C. The SUBJECT PREMISES and Surveillance**

13 43. Open source research revealed the SUBJECT PREMISES was sold in
 14 November 2020 and the current taxpayer is a person with the initials J.S. Research
 15 further showed that a quit claim deed had been filed in FRICK's name on or about
 16 November 24, 2020, transferring interest in the SUBJECT PREMISES to J.S. Open
 17 source research showed that J.S. is FRICK's wife, and that the two married in November
 18 2020.

19 44. On May 11, 2021, a federal agent conducted surveillance of the SUBJECT
 20 PREMISES. An agent observed an Audi sedan and a gold BMW SUV parked in front of
 21 the garage at the SUBJECT PREMISES matching the descriptions of vehicles provided
 22 by Edwards. Washington State Department of Licensing records showed that the gold
 23 BMW SUV is registered to J.S. at the SUBJECT PREMISES. There was no license plate
 24 on the back of the Audi sedan.²¹

25

26

²⁰The communications consisted of a combination of phone calls and text messages.

²¹During Edwards' interview he stated FRICK had traded a Mazda RX-8 for an Audi sedan. Washington State Department of Licensing records showed FRICK owned a Mazda RX-8 with the SUBJECT PREMISES as his mailing address.

1 45. On May 12, 2021, I contacted a USPS employee at the Stanwood PO. The
 2 employee advised FRICK receives mail at the SUBJECT PREMSIES. I also queried a
 3 law enforcement database which listed the SUBJECT PREMISES as FRICK's most
 4 recent address.

5 46. With the exception of the text messages between Edwards and FRICK, I
 6 have not made any prior efforts to obtain the evidence based on the consent of any party
 7 who may have authority to consent due to the nature of the evidence that I am attempting
 8 to obtain and the nature of the investigation. I believe, based upon the nature of the
 9 investigation and the information I have received, that if FRICK becomes aware of the
 10 investigation in advance of the execution of a search warrant, he may attempt to destroy
 11 any potential evidence, whether digital or non-digital, thereby hindering law enforcement
 12 agents from the furtherance of the criminal investigation.

13 **KNOWLEDGE BASED ON TRAINING AND EXPERIENCE**

14 47. Based upon my training and experience, and conversations with other
 15 experienced law enforcement agents and officers who have been involved in narcotics
 16 cases, I know the following:

17 48. The distribution of illegal narcotics is frequently a continuing activity
 18 lasting over months and years. Persons involved in the trafficking of illegal controlled
 19 substances typically will obtain and distribute controlled substances on a regular basis,
 20 much as a distributor of a legal commodity would purchase stock for sale. Similarly,
 21 such drug traffickers will maintain an "inventory," which will fluctuate in size depending
 22 upon the demand for and the available supply of the product.

23 49. Drug traffickers often keep records of their illegal activities not only
 24 during the period of their drug trafficking violations but also for a period of time
 25 extending beyond the time during which the trafficker actually possesses/controls illegal
 26 controlled substances. The records are kept in order to maintain contact with criminal
 27 associates for future transactions and so that the trafficker can have records of prior
 28 transactions for which the trafficker might still be owed money or might owe someone.

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1 else money. Dealers often keep these records in their homes and in vehicles that they
 2 own, use, or have access to.

3 50. It is common for drug dealers to conceal large quantities of currency,
 4 foreign currency, financial instruments, precious metals, jewelry, and other items of value
 5 which are proceeds from drug trafficking in their residences and in other storage areas
 6 associated with the residence, such as on-site storage lockers, garages, detached storage
 7 sheds, and parking stalls, or safes located on the property.

8 51. Evidence of excessive wealth beyond an individual's outward means is
 9 probative evidence of the distribution of controlled substances. Therefore, receipts
 10 showing the expenditure of large sums of money and/or the expensive assets are evidence
 11 of drug trafficking. Drug traffickers commonly keep the expensive assets themselves
 12 and/or documentation of the purchase of the asset (receipts, warranty cards, etc.) in their
 13 homes, places of business, and in vehicles that they own, use, or have access to.

14 52. It is common for drug dealers to maintain equipment and supplies (*i.e.*,
 15 scales, packaging, masking agents) on hand over a lengthy period of time, even when
 16 they do not have any controlled substances on hand. The aforementioned items are
 17 frequently maintained in the dealer's homes, places of business, stash houses or storage
 18 units, and in vehicles that they own, use, or have access to.

19 53. Based on my training and experience, drug dealers often have some amount
 20 of inventory – namely, illegal drugs – stored in their homes, places of business, stash
 21 houses or storage units, and in vehicles that they own, use, or have access to.

22 54. It is common for drug dealers to possess firearms and ammunition to
 23 protect their drugs, assets, and persons from hostile gangs, rival traffickers, other
 24 criminals, and from law enforcement. Persons who purchase and possess firearms also
 25 tend to maintain the firearms and ammunition for lengthy periods of time. Firearms can
 26 be acquired both legally and unlawfully, without official/traceable documentation.
 27 Persons who acquire firearms from Federal Firearms Licensees, through deliberate fraud
 28 and concealment, often will also acquire firearms from private parties and other sources

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unknown to the Bureau of Alcohol, Tobacco, Firearms and Explosives. Persons who, whether legally or illegally, purchase, possess, sell and/or transfer firearms or ammunition commonly maintain the firearms or ammunition on their person, at their residence or business, or in a motor vehicle which they own and/or operate. Firearms or ammunition are often secreted at other locations within their residential curtilage, and the identification of these firearms will assist in establishing their origin. Persons who purchase, possess, sell and/or trade firearms or ammunition commonly maintain documents and items that are related to the purchase, ownership, possession, sale and/or transfer of firearms, ammunition, and/or firearm parts, including but not limited to driver's licenses, telephone records, telephone bills, address and telephone books, canceled checks, receipts, bank records and other financial documentation on the owner's person, at the owner's residence or business, or in vehicles that they own, use, or have access to. Additionally, these individuals often maintain holsters, spare magazines or speed loaders and other instruments to facilitate the use of firearms in furtherance of criminal activity or acts of violence.

16 55. It is common for members of drug trafficking organizations, in an attempt
17 to disguise their identities and illegal activities, to use prepaid cellular telephones and
18 prepaid long distance calling cards. Often the only way to connect a subject with a
19 particular prepaid cellular telephone or calling card is to seize the phone or calling card
20 from the trafficker or his residence. The aforementioned items are frequently maintained
21 in the drug trafficker's residence, place of business, or other areas they have access to.

22 56. Drug dealers often carry many of the items described above – including
23 (but not limited to) drugs, drug proceeds, firearms, cellular phones – on their person.

USE OF DIGITAL DEVICES AND DARK WEB DRUG SALES

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1 57. As a result of my training and experience, I know that digital devices²²
 2 must be used by individuals who engage in dark web drug sales. Suspects engaged in
 3 dark web drug sales use digital devices, such as computers and smartphones, and often
 4 transport those digital devices while conducting illegal activity. In particular, a suspect
 5 needs digital devices equipped with Tor software to access the Internet in order to
 6 navigate to the dark web marketplaces referenced in this Affidavit. Digital devices are
 7 further needed to establish a dark web persona; list contraband for sale; communicate
 8 with customers and associates on a dark web marketplace, through encrypted messages
 9 and other means; and to transfer digital currency to or from a marketplace to another
 10 wallet. As a result, one form in which these items may be found is as electronic evidence
 11 stored on a digital device.

12 58. I know that Tor software exists for both computers and smartphones that
 13 allow a user to access the dark web. For example, Tor Browser is freely available for
 14 download and allows for the use of Tor on computers. Tor Browser can also be run off a
 15 USB flash drive once inserted into a computer. In addition, Tor is available for Android
 16 phones by installing the package named Orbot. Orbot brings the features and
 17 functionality of Tor to the Android mobile operating system. Tor is also available for
 18 Apple iPhones by installing an app called Onion Browser.

19 59. While Tor is designed to protect a user's anonymity and privacy on the
 20 Internet, some artifacts may be recovered by a computer forensic examiner. Artifacts
 21 which may be found on a digital device equipped with Tor include the mere existence of

22 "Digital device" includes any device capable of processing and/or storing data in electronic form,
 23 including, but not limited to, central processing units, laptop, desktop, notebook or tablet computers,
 24 computer servers, peripheral input/output devices such as keyboards, printers, scanners, plotters,
 25 monitors, and drives intended for removable media, related communications devices such as modems,
 26 routers and switches, and electronic/digital security devices, wireless communication devices such as
 27 mobile or cellular telephones and telephone paging devices, personal data assistants ("PDAs"),
 iPods/iPads, Blackberries, digital cameras, digital gaming devices, global positioning satellite devices
 (GPS), or portable media players.

1 a Tor application, as well as websites bookmarked by a user. While the installation of
 2 Tor in and of itself is not nefarious, the existence of the application would show a user
 3 had the ability to access the dark web. Furthermore, bookmarked websites would show
 4 sites a user visited.

5 60. Furthermore, I know that PGP applications exist for both computers and
 6 smartphones. PGP is often used to encrypt communication between individuals who
 7 operate on dark web markets. Forensic examination of digital devices may reveal the
 8 existence of PGP applications and keys. Extracted PGP keys may help investigators link
 9 a digital device and/or a suspect to a dark web identity.

10 61. As the case with most digital technology, communications by way of
 11 computer can be saved or stored on the computer used for these purposes. Storing this
 12 information can be intentional, *i.e.*, by saving an e mail as a file on the computer or
 13 saving the location of one's favorite websites in, for example, "bookmark" files. Digital
 14 information can also be retained unintentionally, e.g., traces of the path (including, but
 15 not limited to the IP address) of an electronic communication may be automatically
 16 stored in many places (e.g., temporary files or Internet Service Provider client software,
 17 among others). In addition to electronic communications, a computer user's Internet
 18 activities generally leave traces or "footprints" in the web cache and history files of the
 19 browser used. In other words, if a computer user were to go to the website called
 20 WWW.USDOJ.GOV, a "footprint" in the browser cache may be found pointing to that
 21 website, indicating that particular computer was used to visit that website. Therefore, a
 22 search of digital devices may lead to evidence that will assist me in identifying online
 23 storage accounts for which I may be able to obtain additional search warrants to locate
 24 further evidence in this case.

25 62. In addition, I know based on my training and experience that those engaged
 26 in dark web drug sales use digital devices to, for example: a) store PGP keys; b) store
 27 customer shipping information; c) store cryptocurrency wallets and information; d) store
 28 photographs of narcotics; and, d) purchase and print postage/shipping labels.

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1 63. In my experience dark web drug vendors often use digital devices such as
 2 smartphones to take photographs of drugs. Vendors then transfer the photographs to a
 3 computer, which is used to list their drugs for sale on a dark web marketplace.
 4 Furthermore, dark web drug vendors often use computers to type and print postage labels
 5 which are attached to parcels containing drugs shipped to customers. This is because
 6 typing both the sender and recipient information for labels on a smartphone is a tedious
 7 task, which is much easier using a computer with a keyboard. Computers rather than
 8 mobile phones are also used to create a vendor profile and listings on dark web
 9 marketplaces for a similar reason. Typing both profile information and product
 10 descriptions is tedious and easier done with a computer.

11 64. Based upon my training and experience, and conversations with other
 12 experienced law enforcement agents and officers who have been involved in narcotics
 13 cases, I know the following:

14 a. Drug dealers regularly use cell phones and other electronic communication
 15 devices to further their illegal activities. As a result, evidence of drug dealing can often
 16 be found in text messages, address books, call logs, photographs, emails, text messaging
 17 or picture messaging applications, videos, and other data that is stored on cell phones and
 18 other electronic communication devices. Additionally, the storage capacity of such
 19 devices allows them to be used for the electronic maintenance of ledgers, pay/owe logs,
 20 drug weights and amounts, customers contact information, not only during the period of
 21 their drug trafficking violations but also for a period of time extending beyond the time
 22 during which the trafficker actually possesses/controls illegal controlled substances. The
 23 records are kept in order to maintain contact with criminal associates for future
 24 transactions and so that the trafficker can have records of prior transactions for which the
 25 trafficker might still be owed money or might owe someone else money.

26 b. Drug traffickers increasingly use applications on smartphones that encrypt
 27 communications such as Wickr, or applications that automatically delete messages, such
 28 as Snapchat, in order to avoid law enforcement monitoring or recording of

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1 communications regarding drug trafficking and/or money laundering. Evidence of the
2 use of such applications can be obtained from smartphones and is evidence of a
3 smartphone user's efforts to avoid law enforcement detection.

4

5 **SEARCH AND SEIZURE OF DIGITAL MEDIA**

6 65. As described above and in Attachments B, this application seeks
7 permission to search for items listed in Attachments B that might be found in the
8 SUBJECT PREMISES or on FRICK'S person, including digital devices.

9 66. In order to examine digital media in a forensically sound manner, law
10 enforcement personnel, with appropriate expertise, will conduct a forensic review of any
11 digital media seized. The purpose of using specially trained computer forensic examiners
12 to conduct the imaging of any digital media, or digital devices is to ensure the integrity of
13 the evidence and to follow proper, forensically sound, scientific procedures. When the
14 investigative agent is a trained computer forensic examiner, it is not always necessary to
15 separate these duties. Computer forensic examiners and investigators often work closely
16 with investigative personnel to assist investigators in their search for digital evidence.

17 Computer forensic examiners are needed because they generally have technological
18 expertise that investigative agents do not possess. Computer forensic examiners,
19 however, may lack the factual and investigative expertise that an investigate agent may
20 possess. Therefore, computer forensic examiners and investigative agents often work
21 closely together. It is intended that the warrant will provide authority for the affiant to
22 forensically review or seek the assistance of others in the USPIS or within other law
23 enforcement agencies to assist in the forensic review of any digital devices.

24 67. I also know the following:

25 a. Based my knowledge, training, and experience, I know that
26 computer files or remnants of such files may be recovered months or even years after
27 they have been downloaded onto a storage medium, deleted, or viewed via the Internet.
28 Electronic files downloaded to a storage medium can be stored for years at little or no

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1 cost. Even when files have been deleted, this information can sometimes be recovered
 2 months or years later with forensics tools. This is because when a person “deletes” a file
 3 on a computer, the data contained in the files does not actually disappear; rather, that data
 4 remains on the storage medium until it is overwritten by new data.

5 b. Therefore, deleted files, or remnants of deleted files, may reside in
 6 free space or slack space—that is, in space on the storage medium that is not currently
 7 being used by an active file—for long periods of time before they are overwritten. In
 8 addition, a computer’s operating system may also keep a record of deleted data in “swap”
 9 or “recovery” files.

10 c. Wholly apart from user-generated files, computer storage media—in
 11 particular, computers’ internal hard drives—contain electronic evidence of how a
 12 computer has been used, what is has been used for, and who has used it. To give a few
 13 examples, this forensic evidence can take the form of operating system configurations,
 14 artifacts from operating system or application operation, file system data structures, and
 15 virtual memory “swap” paging files. Computer users typically do not erase or delete this
 16 evidence, because special software is typically required for that task. However, it is
 17 technically possible to delete this information.

18 d. Similarly, files that have been viewed via the Internet are sometimes
 19 automatically downloaded into a temporary Internet directory or “cache.”

20 e. Digital storage devices may also be large in capacity, but small in
 21 physical size. Because those who are in possession of such devices also tend to keep
 22 them on their persons, especially when they may contain evidence of a crime. Digital
 23 storage devices may be smaller than a postal stamp in size, and thus they may easily be
 24 hidden in a person’s pocket.

25 68. As further described in Attachments B, this application seeks permission to
 26 locate not only computer files that might serve as direct evidence of the crimes described
 27 on the warrant, but also for forensic electronic evidence that establishes how computers
 28 were used, the purpose of their use, who used them, and when. There is probable cause

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1 to believe that this forensic electronic evidence will be on digital devices found in the
 2 SUBJECT PREMISES or on FRICK's person, because:

3 a. Data on the digital storage medium or digital devices can provide
 4 evidence of a file that was once on the digital storage medium or digital devices but has
 5 since been deleted or edited, or of a deleted portion of a file (such as a paragraph that has
 6 been deleted from a word processing file). Virtual memory paging systems can leave
 7 traces of information on the storage medium that show what tasks and processes were
 8 recently active. Web browsers, e-mail programs, and chat programs store configuration
 9 information on the storage medium that can reveal information such as online nicknames
 10 and passwords. Operating systems can record additional information, such as the
 11 attachment of peripherals, the attachment of USB flash storage devices or other external
 12 storage media, and the times the computer was in use. Computer file systems can record
 13 information about the dates files were created and the sequence in which they were
 14 created, although this information can later be falsified.

15 b. As explained herein, information stored within a computer and other
 16 electronic storage media may provide crucial evidence of the "who, what, why, when,
 17 where, and how" of the criminal conduct under investigation, thus enabling the United
 18 States to further establish and prove each element or alternatively, to exclude the innocent
 19 from further suspicion. In my training and experience, information stored within a
 20 computer or storage media (e.g. registry information, communications, images and
 21 movies, transactional information, records of session times and durations, Internet
 22 history, and anti-virus, spyware, and malware detection programs) can indicate who has
 23 used or controlled the computer or storage media. This "user attribution" evidence is
 24 analogous to the search of "indicia of occupancy" while executing a search warrant at a
 25 residence. The existence or absence of anti-virus, spyware, and malware detection
 26 programs may indicate whether the computer was remotely accessed, thus inculpating or
 27 exculpating the computer owner. Further computer and storage media activity can
 28 indicate how and when the computer or storage media was accessed or used. For

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1 example, as described herein, computers typically contain information that log computer
 2 activity associated with user accounts and electronic storage media that connected with
 3 the computer. Such information allows investigators to understand the chronological
 4 context of computer or electronic storage media access, use, and events relating to the
 5 crime under investigation. Additionally, some information stored within a computer or
 6 electronic storage media may provide crucial evidence relating to the physical location of
 7 other evidence and the suspect. For example, images stored on a computer may both
 8 show a particular location and have geolocation information incorporated into its file
 9 data. Such file data typically also contains information indicating when the file or image
 10 was created. The existence of such image files, along with external device connection
 11 logs, may also indicate the presence of additional electronic storage media (e.g., a digital
 12 camera or cellular phone with an incorporated camera). The geographic and timeline
 13 information described herein may either inculpate or exculpate the computer user. Last,
 14 information stored within a computer may provide relevant insight into the computer
 15 user's state of mind as it relates to the offense under investigation. For example,
 16 information within the computer may indicate the owner's motive and intent to commit
 17 the crime (e.g. Internet searches indicating criminal planning), or consciousness of guilt
 18 (e.g., running a "wiping" program to destroy evidence on the computer or password
 19 protecting/encrypting such evidence in an effort to conceal it from law enforcement).

20 c. A person with appropriate familiarity with how a computer works
 21 can, after examining this forensic evidence in its proper content, draw conclusions about
 22 how computers were used, the purpose of their use, who used them, and when.

23 d. The process of identifying the exact files, blocks, registry entries,
 24 logs, or other forms of forensic evidence on a storage medium that are necessary to draw
 25 an accurate conclusion is a dynamic process. While it is possible to specify in advance
 26 the records to be sought, computer evidence is not always data that can be merely
 27 reviewed by a review team and passed along to investigators. Whether data stored on a
 28 computer is evidence may depend on other information stored on the computer and the

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1 application of knowledge about how a computer behaves. Therefore, contextual
 2 information necessary to understand other evidence also falls within the scope of the
 3 warrant.

4 e. Further, in finding evidence of how a computer was used, the
 5 purpose of its use, who used it, and when, sometimes it is necessary to establish that a
 6 particular thing is not present on a storage medium. For example, the presence or
 7 absence of counter-forensic programs or anti-virus programs (and associated data) may
 8 be relevant to establishing a user's intent.

9 69. In most cases, a thorough search of a premises for information that might
 10 be stored on digital storage media or other digital devices often requires the seizure of the
 11 digital devices and digital storage media for later off-site review consistent with the
 12 warrant. In lieu of removing storage media from the premises, it is sometimes possible to
 13 make an image copy of storage media. Generally speaking, imaging is the taking of a
 14 complete electronic copy of the digital media's data, including all hidden sectors and
 15 deleted files. Either seizure or imaging is often necessary to ensure the accuracy and
 16 completeness of data recorded on the storage media, and to prevent the loss of the data
 17 either from accidental or intentional destruction. This is true because of the following:

18 a. *The time required for an examination.* As noted above, not all
 19 evidence takes the form of documents and files that can be easily viewed on site.
 20 Analyzing evidence of how a computer has been used, what it has been used for, and who
 21 has used it requires considerable time, and taking that much time on premises could be
 22 unreasonable. As explained above, because the warrant calls for forensic electronic
 23 evidence, it is exceedingly likely that it will be necessary to thoroughly examine storage
 24 media to obtain evidence. Storage media can store a large volume of information.
 25 Reviewing that information for things described in the warrant can take weeks or months,
 26 depending on the volume of data stored, and would be impractical and invasive to
 27 attempt on-site.

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1 b. *Technical requirements.* Computers can be configured in several
 2 different ways, featuring a variety of different operating systems, application software,
 3 and configurations. Therefore, searching them sometimes requires tools or knowledge
 4 that might not be present on the search site. The vast array of computer hardware and
 5 software available makes it difficult to know before a search what tools or knowledge
 6 will be required to analyze the system and its data on-site. However, taking the storage
 7 media off-site and reviewing it in a controlled environment will allow its examination
 8 with the proper tools and knowledge.

9 c. *Variety of forms of electronic media.* Records sought under this
 10 warrant could be stored in a variety of storage media formats that may require off-site
 11 reviewing with specialized forensic tools.

12 70. Searching computer systems is a highly technical process that requires
 13 specific expertise and specialized equipment. There are so many types of computer
 14 hardware and software in use today that it is rarely possible to bring to the search site all
 15 the necessary technical manuals and specialized equipment necessary to consult with
 16 computer personnel who have expertise in the type of computer, operating system, or
 17 software application being searched.

18 71. The analysis of computer systems and storage media often relies on
 19 rigorous procedures designed to maintain the integrity of the evidence and to recover
 20 "hidden," mislabeled, deceptively named, erased, compressed, encrypted or password-
 21 protected data, while reducing the likelihood of inadvertent or intentional loss or
 22 modification of data. A controlled environment such as a laboratory, is typically required
 23 to conduct such an analysis properly.

24 72. The volume of data stored on many computer systems and storage devices
 25 will typically be so large that it will be highly impracticable to search for data during the
 26 execution of the physical search of the premises. The hard drives commonly included in
 27 desktop and laptop computers are capable of storing millions of pages of text.
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1 73. A search of digital devices for evidence described in Attachments B may
 2 require a range of data analysis techniques. In some cases, agents may recover evidence
 3 with carefully targeted searches to locate evidence without requirement of a manual
 4 search through unrelated materials that may be commingled with criminal evidence.
 5 Agents may be able to execute a "keyword" search that searches through the files stored
 6 in a digital device for special terms that appear only in the materials covered by the
 7 warrant. Or, agents may be able to locate the materials covered by looking for a
 8 particular directory or name. However, in other cases, such techniques may not yield the
 9 evidence described in the warrant. Individuals may mislabel or hide files and directories;
 10 encode communications to avoid using keywords; attempt to delete files to evade
 11 detection; or take other steps designed to hide information from law enforcement
 12 searches for information.

13 74. Because several people share the SUBJECT PREMISES as a residence, it is
 14 possible that the SUBJECT PREMISES will contain digital devices or other electronic
 15 storage media that are predominantly used, and perhaps owned, by persons who are not
 16 suspected of a crime. If agents conducting the search nonetheless determine that it is
 17 possible that the things described in this warrant could be found on those digital devices,
 18 this application seeks permission to search and if necessary to seize those digital devices
 19 as well. It may be impossible to determine, on scene, which digital devices contain the
 20 things described in this warrant.

21 75. The search procedure of any digital device seized may include the
 22 following on-site techniques to seize the evidence authorized in Attachments B:

23 a. On-site triage of computer systems to determine what, if any,
 24 peripheral devices or digital storage units have been connected to such computer systems,
 25 a preliminary scan of image files contained on such systems and digital storage devices to
 26 help identify any other relevant evidence or co-conspirators.

27 b. On-site copying and analysis of volatile memory, which is usually
 28 lost if a computer is powered down, and may contain information about how the

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1 computer is being used, by whom, when and may contain information about encryption,
2 virtual machines, or stenography which will be lost if the computer is powered down.
3 c. On-site forensic imaging of any computers may be necessary for
4 computers or devices that may be partially or fully encrypted in order to preserve
5 unencrypted data that may, if not immediately imaged on-scene become encrypted and
6 accordingly become unavailable for any examination.

REQUEST FOR SEALING

76. It is respectfully requested that this Court issue an order sealing, until further order of the Court, all papers submitted in support of this application, including the application, affidavit and search warrant. I believe that sealing this document is necessary because the items and information to be seized are relevant to an ongoing investigation and disclosure of the search warrant, this affidavit, and/or this application and the attachments thereto will jeopardize the progress of the investigation. Disclosure of these materials would give the target of the investigation an opportunity to destroy evidence, change patterns of behavior, notify confederates, or flee from prosecution.

CONCLUSION

77. Based on the information set forth herein, there is probable cause to search the above described SUBJECT PREMISES, as further described in Attachment A-1, and the person of Christopher FRICK, as further described in Attachment A-2, for evidence, fruits and instrumentalities, as further described in Attachments B, of crimes committed by the individuals listed in this affidavit and their co-conspirators, specifically distribution of, and possession with intent to distribute, controlled substances, in violation of Title 21, United States Code, Section 841(a)(1) and (b).

Michael Fischlin
MICHAEL FISCHLIN
United States Postal Inspector

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